

Phase Two Bridging Work - Maths & Further Maths

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Maths & Further Maths	<p><i>I have listed a whole variety of resources that I hope will give you an insight into the joy, fascination, power and applications of mathematics. I would like you to choose a variety of resources and explore for yourself and keep a record of your findings & experiences. There are videos, articles, puzzles, interactive games and pod-casts to tickle your curiosity & spark your imagination. I have also put a link to some A level transition tasks covering key GCSE topics. It would be a good idea for you to identify a few GCSE topics from the list that you feel you need a little more practice with and focus on these. We want to ensure that you are able to begin A level maths with confidence and vigour. Enjoy!!</i></p>			
	<p>Read this...</p> <ul style="list-style-type: none"> • The Four Colour Theorem • The Golden ratio • How can maths fight a pandemic • The Monty Hall Problem • The power of ants • How to resolve the Premier league • Keeping it Safe & quiet – code breaking • List of recommended maths reading books from Nrich • Maths & careers • Institute of Mathematics newsletter 	<p>Watch this...</p> <ul style="list-style-type: none"> • Maths Ted talks to blow your mind • Maths the hidden secret to understanding the world • The 100 prisoner problem and other Matt Parker videos • Matt Parker's stand-up comedy • Complex Numbers: Strength • Zero the hero 	<p>Listen to this...</p> <ul style="list-style-type: none"> • My favourite theorem • A brief history of maths • The secrets of maths • The women in maths • The five most important numbers. 	<p>Try this...</p> <p>Puzzles and tasks to engage your mind</p> <ul style="list-style-type: none"> • Plus Maths • Maths to take your time over • Interactive games & puzzles • Videos & interactive Problems • Transition topic worksheets & solutions